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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete If Known

Application Number	10/648,855
Filing Date	08/26/2003
First Named Inventor	Hoard et al.
Art Unit	1724
Examiner Name	unknown
Attorney Docket Number	E-13657

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initiate*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code ³ Number ⁴ Kind Code ⁵ (If known)	MM-DD-YYYY			
EMJ		DE 3642018A1	09 12 1986	Volkswagon AG		
EMJ		DE 3735151A1	16 10 1987	Toyota		
EMJ		EP 1 214 976 A1	19 6 2002	Delphi Technolo		

Examiner Signature	/Edward M. Johnson/ (06/22/2006)
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Date Considered

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**INFORMATION DISCLOSURE
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Sheet 1 of 15

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Application Number	10/648,885
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First Named Inventor	Hoard et al.
Art Unit	1724
Examiner Name	unknown
Attorney Docket Number	E-13657

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EMJ		EPA420-F-00-057 2000 U.S. Environmental Protection Agency: Office of Transportation and Air Quality. Regulatory announcement: Heavy-Duty Engine and Vehicle Standards and Veh	
EMJ		C. Shenk, C. Laroo. SAE Technical Paper Series #2003-01-0042. SAE: Warrendale, PA, 2003	
EMJ		EPA420-R-00-026, December 2000, Office of Transportation and Air Quality. Heavy-Duty Standards/Diesel Fuel RIA - Chapter III: Emission Standards Feasibility	
EMJ		J. Parks, B. Epling, A. Watson, and G. Campbell, Durability of NOx Adsorbers, Presentation, 8th Diesel Engine Emissions Reduction Conference, San Diego, CA, Aug. 25-29, 2002	
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EMJ		R. Hammerle. Urea Selective Catalytic Reduction and Diesel Particulate Filter., Presentation, 8th Diesel Engine Emissions Reduction Conference, San Diego, CA, Aug. 25-29, 2002	
EMJ		J. Hoard and H. Servanti (Eds.), Plasma Exhaust Aftertreatment, SAE SP-1395, SAE: Warrendale, PA, 1998	
EMJ		M.L. Balmer, G. Fisher, and J. Hoard (Eds.), Non-Thermal Plasma for Exhaust Emission Control: NOx HC, and Particulates, SAE SP-1483, SAE: Warrendale, PA, 1999	
EMJ		M.L. Balmer, G. Fisher, and J. Hoard (Eds.), Non-Thermal Plasma, SAE SP-1566, SAE: Warrendale, PA, 1998	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/648,885
		Filing Date	08/26/2003
		First Named Inventor	Hoard et al.
		Art Unit	1724
		Examiner Name	unknown
Sheet 2	of 5	Attorney Docket Number	E-13657

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EMJ		M.L. Balmer, G. Fisher, and J. Hoard (Eds.), Non-Thermal Plasma Emission Control Systems, SAE SP-1639, SAE: Warrendale, PA, 1998	
EMJ		S. Yoon, A. G. Panov, R. G. Tonkyn, A. C. Ebeling, S. E. Barlow, M.L. Balmer, Catalysis Today 72 (2002) 243	
EMJ		S. Yoon, A. G. Panov, R. G. Tonkyn, A. C. Ebeling, S. E. Barlow, M.L. Balmer, Catalysis Today 72 (2002) 251	
EMJ		J. Hoard SAE Technical Paper Series #2001-01-0185. SAE: Warrendale, PA, 2001	
EMJ		C.L. Aardahl, K.G. Rappe, P. W. Park, C.S. Ragle, C.L. Boyer, S.A. Faulkner SAE Technical Paper Series #2003-01-1186. SAE Warrendale, PA, 2003	
EMJ		B.M. Penetrante, R.M. Brusasco, B.T. Merrill, W.J. Pitz, G.E. Vogtlin, M.C. Kung, H.H. Kung, C.Z. Wan, K.E. Voss SAE Technical Paper Series #982508. SAE Warrendale, PA, 1998	
EMJ		R. Dorai, M.J. Kushner SAE Technical Paper Series #1999-01-3683. SAE Warrendale, PA, 1999	
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EMJ		S.J. Schmiege, B.K. Cho, and S. H. Oh, SAE Technical Paper Series #2001-01-3565. SAE Warrendale, PA, 2001	

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Application Number	10/648,885
Filing Date	08/26/2003
First Named Inventor	Hoard et al.
Art Unit	1724
Examiner Name	unknown
Attorney Docket Number	E-13657

Sheet	3	of	5
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EMJ		S. E. Thomas, J. T. Shawcross, R. Gillespie, D. Raybone, A. R. Martin, SAE Technical Paper Series #2001-01-3568. SAE: Warrendale, PA, 2001	
EMJ		K. G. Rappe, C.L. Aardahl, C.F. Habeger, D. N. Tran, M.A. Delgado, L.Q. Wang, P.W. Park, M. L Balmer SAE Technical Paper Series #2001-01-3570. SAE: Warrendale, PA, 2001	
EMJ		B.M. Penetrante, R. M. Brusasco, B.T. Merritt, W.J. Pitz, G.E. Vogtlin, SAE Technical Paper Series #1999-01-3687. SAE: Warrendale, PA, 1999	
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EMJ		F.C. Meunier, V. Zuzaniuk, J.P. Breen, M. Olsson, J.R.H. Ross, Catal. Today 59 (2000) 287.	
EMJ		F.C. Meunier, V. Zuzaniuk, J.P. Breen, M. Olsson, J.R.H. Ross, J. Catal. 187 (1999) 493.	
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EMJ		E. Seker, J. Cavataio, E. Gulari, P. Lorpongpaiboon, S. Osuwan, Appl. Catal. A 183 (1999) 121.	
EMJ		A. Keshavaraja, X. She, M. Flytzani-Stephanopoulos, Appl. Catal. B 27(2000) L1.	

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Application Number	10/648,885
Filing Date	08/26/2003
First Named Inventor	Hoard et al.
Art Unit	1724
Examiner Name	unknown
Attorney Docket Number	E-13857

Sheet 4 of 5

NON PATENT LITERATURE DOCUMENTS

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EMJ		S. Sumiya, M. Saito, M. Furuyama, N. Takezawa, K. Yoshida, Rest. Kinet. Catal. Lett. 64 (1998) 239.	
EMJ		K. Shimizu, A. Satsuma, T. Hattori, Appl. Catal. B 16 (1998) 319.	
EMJ		K. A. Bethke, H.H. Kung, J. Catal. 181 (1997) 93.	
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EMJ		T. Maunula, T. Kintaichi, M. Haneda, H. Hamada, Catal. Lett. 61 (1999) 121.	
EMJ		P.W. Park, C.S. Ragle, C.L. Boyer, M.L. Balmer, M. Engelhard, D. McCready, J. Catal. 210 (2002) 97.	
EMJ		T. Maunula, J. Aloha, H. Hamada, Appl. Catal. B 26 (2000) 173.	
EMJ		F.C. Meunier, R. Ukropec, C. Stapleton, J. R. H. Ross, Appl. Catal. B 30 (2001) 163.	
EMJ		K. Shimizu, J. Shibata, H. Yoshida, A. Satsuma, T. Hattori, Appl. Catal. B 30 (2001) 151.	
EMJ		T. Chafik, S. Kameoka, Y. Ukisu, T. Miyadera, J. Molec. Catal. A 136 (1998) 203.	

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Sheet	5	of	5
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EMJ		L.-Q. Wang, C.L. Aardahl, K.G. Rappe, D.N. Tran, M.A. Delgado, C.F. Habeger, J. Mater. Res. 17 (2002) 1843.	
EMJ		F.C.Meunier, J.P.Breen, J.R.H.Ross, Chem. Commun. 1999 (1999) 259.	
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EMJ		M. Sasaki, H. Hamada, Y.Kintaichi, T. Ito, Catal. Lett. 15 (1992) 297.	
EMJ		R.A. Grinstedt, H.W. Jen, C.N. Montreuil, M.J. Rokosz, M. Shelef, Zeolites 13 (1993) 602.	
EMJ		R. Keiski, H. Raisanen, M. Harkonen, T. Maunula, P. Niemisto, Catal. Today 27 (1996) 85.	
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EMJ		P. W. Park, H.H. Kung, D. W. Kin, M.C. Kung, J. Catal. 184 (1999) 440.	
EMJ		L.A. Rosenthal, D.A. Davis, IEEE Trans. Ind. Appl. I-5 (1975) 328.	
EMJ		A.G. Panov, R. Tonkyn, S. Yoon, et al. Reduction Behavior of Almina and Zeolite Catalysis in Combination with Non-Thermal Plasma. Presentation San Diego CA, Aug 25-29, 2002.	

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